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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
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Calcutta, the 10th December 1994

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कलकत्ता, दिनांक 10 दिसम्बर 1994

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पेटेंट कार्यालय शाखा, टोडी इस्टेट,  
तीसरा तल, लोअर एरवे (पश्चिम),  
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा  
दीव एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
एकक सं. 401 से 405; तीसरा तल,  
नगरपालिका बाजार भवन,  
सरस्वती मार्ग, कंग्रेज बाग,  
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,  
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिक”

पेटेंट कार्यालय शाखा,  
61, बालाजाह रोड,  
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,  
मिनिक्काय तथा एरिनिदिवि द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहूतलीय कार्यालय,  
भवन 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड,  
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सच्चापत्र, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शब्द :—शब्दों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भगतान योग्य धनावेश अथवा डाक आवेद या जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुरोधित बैंक से नियंत्रक को भगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है ।

## APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under section 135, of the Patent Act, 1970.

11-10-1994

835/Cal/94. Maschinenfabrik S. Rockstedt. Multi-Screw, Continuous Mixing machine for plasticizable compounds.

836/Cal/94. Corbeland Corporation. Scroll Machine having discharge port in serts.

837/Cal/94. Young Jin Hyun. Coiling machine and method for production of lamp filaments.

838/Cal/94. Pai Lang Machinery Mill Co. Ltd. Rib Jacquard knitting machine for knitting eyelet construction as well as construction.

17-10-1994

839/Cal/94. Sonoco Products Company. One-piece, Blow-Molded closed plastic drum with handling ring and method of molding same.

840/Cal/94. MDT Corporation. Double articulated headrest for dental patient chair.

841/Cal/94. MDT Corporation. Baseplate configuration.

842/Cal/94. Reckitt & Colman of India Ltd. A spray pump.

843/Cal/94. Cytec Technology Corp. Microdispersion of hydroxamated polymers.

844/Cal/94. Dupont Canada Inc. Pouches of ethylene copolymers film containing a flowable material. (Convention No. 3921254.6, dated 14-10-1993, Great Britain).

845/Cal/94. Corbeland Corporation. Scroll machine with reverse rotation protection.

846/Cal/94. Hoechst Aktiengesellschaft. Process for the preparation of alkoxylates using ester compounds as catalyst.

847/Cal/94. Hoechst Aktiengesellschaft. Process and apparatus for purifying vinyl chloride.

848/Cal/94. Goro S.A. A belt connector.

849/Cal/94. RE-Mark-It Holdings Limited. An erasable sign.

18-10-1994

850/Cal/94. Lites GmbH. Method and device for speech encryption and decryption in voice transmission.

851/Cal/94. Austoft Industries. Ltd. Sugar cane harvester.

852/Cal/94. Edward Mendell Co., Inc. Sustained Release formulation for 24 hours release of metoprolol.

**APPLICATION FOR THE PATENT FILED AT PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-110005.**

18-07-94

899/Del/94. Council of Scientific and Industrial Research, "An improved process for the preparation of amylase enzyme."

900/Del/94. Council of Scientific and Industrial Research, "An improved process for the preparation of xylanase enzyme."

901/Del/94. Council of Scientific and Industrial Research, "A process for the preparation of an improved polystyrene matrix which can be used for the synthesis of flourenylmethoxycarbonyl based solid phase peptides."

902/Del/94. Council of Scientific and Industrial Research, "An improved method for the preparation of Butyloxcarbonyl protected (BOC-protected) amino Acyl polystyrenedivinylbenzene resin".

903/Del/94. Council of Scientific and Industrial Research, "A device useful as an improved mask aligner for automatic submicron alignment of mask with wafers."

904/Del/94. The procter & gamble company, "Mixed end-capped ester oligomers suitable as soil release agents in detergent compositions."

905/Del/94. Alanco environmental resources corp. "Hopper system and electrostatic gun for injection of an electrostatically charged sorbent into a polluted gas stream."

906/Del/94. Biochem Technology, Inc., "Apparatus and method for monitoring biological activity in wastewater and controlling the treatment process."

907/Del/94. HWA Lin Electronic Co., Ltd., "Direct broadcasting satellite tuner."

908/Del/94. Pall Corporation, "Polyvinylidene fluoride membranes."

909/Del/94. Motorola, Inc., "Method and apparatus for performing error correction on a signal received by a radio communication device."

910/Del/94. Innovative sputtering technology N.V. (I.S.T.), "Reflector."

911/Del/94. Chemical Research & Licensing Company, "Selective Hydrogenation of highly unsaturated compounds in hydrocarbon streams."

912/Del/94. Khashoggi Industries, "Sealable Liquid-Tight, Thin-walled containers composed of hydraulically settable materials and methods for manufacturing such containers."

20-07-94

913/Del/94. Parmjit Singh, "Process for the preparation of Ayurvedic medicine for the treatment of joint pains."

914/Del/94. Parmjit Singh, "Process for the preparation of Ayurvedic medicine for the treatment of pain in knee joints."

915/Del/94. Parmjit Singh, "Process for the preparation of Ayurvedic medicine for the treatment of arthritis."

916/Del/94. Gould electronics Inc., "Metallic foil with adhesion promoting layer."

917/Del/94. John Trevor Lewis and steven michael gutton. "An angle divider." (Convention date 20th July 1993)—Australia."

918/Del/94. Petersen manufacturing Co., Inc., "Large capacity locking pliers."

919/Del/94. Glaverbel, "A powder composition for use in a process of forming a porous refractory mass on a surface."

920/Del/94. Southwind enterprises Inc., "A process for cutting large blocks of metal."

921/Del/94. ABB Power transmission Pty. Limited, "ARC containing device" (Convention date 22th July 1993 and 13th August 1993)—Australia.

922/Del/94. Montari Industries Limited, "Process for the preparation of 3, 5, 6-trichloropyridin-2-01 and its alkali salts."

22-07-94

923/Del/94. Heinrich Kopp Ag., "Contact-separating device for circuit breakers."

25-07-94

924/Del/94. The Director, Central Pulp and Paper Research Institute, "A process for the removal of silica from black liquor."

925/Del/94. Luigi Goglio, "Degassing valve for aromatic product, such as coffee and similar products."

926/Del/94. Attexor Equipements S.A., "A method for joining together two or several overlaying sheet formed members, an apparatus for carrying out said method and joint resulting from said method."

927/Del/94. Indian Institute of Technology, "A device for use in microsurgery."

928/Del/94. The Chief Controller Research & Development, Organisation Ministry of Defence, Government of India, "Method for the preparation of technetium Immunoglobulin complex for inflammation scintigraphy."

929/Del/94. The Procter & Gamble Company, "Cyproterone Thiopivalate."

930/Del/94. The Procter & Gamble Company, "Cyproterone acetate thioacetate."

931/Del/94. The Procter & Gamble Company, "Hair Styling compositions containing a silicone grafted polymer and low level of a volatile hydrocarbon solvent."

932/Del/94. Russell D. Ide and KMC, Inc., and a corporation of Rhode Island "Hydrostatic and active control movable pad bearing."

933/Del/94. Photon Energy, Inc., D/B/A Golden photon, Inc., "Apparatus for encapsulating a photovoltaic module."

934/Del/94. Photon Energy, Inc. D/B/A Golden Photon, Inc., "Photovoltaic cell and manufacturing process."

26-07-94

935/Del/94. Gautam K. Solankey, "Creating safety margin to the colliding vehicles-on the principle of hydraulic mechanism fitted on to the automobile bumper (using-dash pot system).

936/Del/94. General electric company, "solid state thermal conversion of polycrystalline alumina to sapphire using a seed crystal."

937/Del/94. General electric company, "solid state thermal conversion of polycrystalline alumina to sapphire."

938/Del/94. Marius van der merwe, "Syringe."

939/Del/94. Orgral International Technologies Corp. "Process of the alkylation of olefins and apparatus for carrying out this process and others."

940/Del/94. Rain Bird sprinkler Mfg., Corp., "Speed controlled rotating sprinkler."

941/Del/94. Motorola, Inc., "Facimile communication with selective call receivers."

27-07-94

942/Del/94. Council of Scientific and Industrial Research, "An improved burner useful in metal processing industries."

943/Del/94. Council of Scientific and Industrial Research, "A process for isolation and refining of hard sugarcane wax from press mud waste of sugar cane industry."

944/Del/94. Council of Scientific and Industrial Research, "An improved process for the preparation of DL-5-phenylnidantion."

945/Del/94. Council of Scientific and Industrial Research, "An improved process for the preparation of D (—)-phenylglycine."

946/Del/94. Council of Scientific and Industrial Research, "An improved process for the preparation of sodium P-hydroxymandelate."

947/Del/94. Council of Scientific and Industrial Research, "an energy efficient process for the production of ethylene by non-catalytic oxidative cracking of ethane or ethane rich C<sub>2</sub>-C<sub>4</sub> paraffins."

948/Del/94. Council of Scientific and Industrial Research, "A new process for the preparation of catechol from phenol using oxygen from air and regenerable 3-(2-oxoalkyl) 1, 2, 3, 4-tetrahydro -2-quinoxal inones."

949/Del/94. Council of Scientific and Industrial Research, "A device useful for automatic sulphur burner control."

950/Del/94. Council of Scientific and Industrial Research, "A device for continuous production of idia."

951/Del/94. Council of Scientific and Industrial Research, "A continuous rice cooking unit."

952/Del/94. Council of Scientific and Industrial Research, "A process for making improved decoction of coffee."

953/Del/94. Council of Scientific and Industrial Research, "An improved process for the preparation of organic halides."

954/Del/94. Council of Scientific and Industrial Research, "A process for the preparation of 5-formyl-L-1, 3-dioxepanes."

955/Del/94. Council of Scientific and Industrial Research, "The process for the preparation of  $\alpha$ -aryl propanals as intermediates for anti inflammatory drugs."

956/Del/94. Council of Scientific and Industrial Research, "An improved process for the preparation of N-acetyl aminiphenols."

957/Del/94. Council of Scientific and Industrial Research, "An improved process for the preparation of aromatic aldehydes."

958/Del/94. Council of Scientific and Industrial Research, "An improved process for the single step oxidation of 3-phenoxytoluene to 3-phenoxybenzaldehyde."

959/Del/94. Council of Scientific and Industrial Research, "A process for the production of high purity petrochemical grade hexane from food grade hexane."

960/Del/94. Ashish Kumar Deb, "Generating Power by utilizing the upthrust experienced by lightweight hollow bodies immersed in a liquid."

961/Del/94. Khadse Nitin Madhukar, "An electronic protection system."

962//Del/94. Eastman Chemical Company, "Toners for Polyesters."

963/Del/94. Motorola, Inc., "Printed Circuit Dipole antenna."

964/Del/94. Motorola Israel Limited, "Method of a trunked radio system for data transmission." (Convention date 27th August 1993)—U.K.

965/Del/94. The General Hospital Corporation and President and Fellows of Harvard College, "A process for the preparation of page Gene product."

966/Del/94. Khashoggi Industries, "Design Optimized compositions and processes for microstructurally engineering cementitious mixtures."

28-07-94

967/Del/94. The Procter & Gamble Company, "Absorbent article having improved dry/wet integrity."

968/Del/94. Alliedsignal Inc., "Polymer microstructures which facilitate fiber optic to waveguide coupling."

969/Del/94. The Research Foundation of State University of New York, "Method for reducing thermal and light-induced brightness reversion in lign-in-containing pulps."

970/Del/94. Motorola, Inc., "Battery pack and method of forming same."

971/Del/94. Ciba-Geigy AG., "Gelled reactive resin compositions." (Convention date 28th July 1993)—U.K.

972/Del/94. Sony Corporation, "Recording medium management method."

29-07-94

973/Del/94. Imperial Chemical Industries Plc., "Preparation of electrode." (Convention date 13th August 1993)—U.K.

974/Del/94. Imperial Chemical Industries Plc., "Electrode and preparation thereof." (Convention date 13th August 1993)—U.K.

975/Del/94. Mangal Singh, "Lever & Alive drawn pump cum power take off machine."

976/Del/94. Aim Holdings Limited, "Refuse collection vehicle."

977/Del/94. CTM Associates, Inc., "Biological Stain composition method of preparation and method of use for delineation of epithelial cancer."

02-08-94

978/Del/94. Il-yang pharm. Co., Ltd., "Novel 5-Pyrrolyl-2-Pyridylmethylsulfinyl Benzamidazole Derivatives."

979/Del/94. The Procter & Gamble Company, "Web materials exhibiting elastic-like behavior."

980/Del/94. FMC Corporation, "3-(Bicyclic heterocyclyl)-6-fluoroalkyluracils."

981/Del/94. Motorola, Inc., "A bottom lighting system for use with a conveyor system."

982/Del/94. Black & Decker Inc., "Battery pack for cord less device."

983/Del/94. Motorola, Inc., "Method and apparatus for prioritizing deletion of received messages based on message source and message order."

## 03-08-94

- 984/Del/94. Speedling, Inc., "Apparatus and method for transferring seedlings from plant trays." (Convention date 4th August 1993)—Australia.
- 985/Del/94. Motorola Inc., "Tokens for use in data communications systems."
- 986/Del/94. Motorola, Inc., "Addressing method for conserving power in distributed information receivers."
- 987/Del/94. BP Chemicals Limited, "Process for the production of Acetic Acid," (Convention date 10th September 1993 and 5th May 1994)—U.K.
- 988/Del/94. BP Chemicals Limited, "Two-stroke engine oils." (Convention date 20th August 1993)—U.K.

## 04-08-94

- 989/Del/94. Council of Scientific and Industrial Research, "An improved process for the preparation of Trialkyl Borate esters."
- 990/Del/94. Council of Scientific and Industrial Research, "A process for the isolation of polysaccharide fraction from picrorhiza kurroa possessing immunomodulatory activity."
- 991/Del/94. Council of Scientific and Industrial Research, "A process for the preparation of monospecific polyclonal antibodies to malarial lactate dehydrogenase useful for diagnosis of malaria."
- 992/Del/94. Council of Scientific and Industrial Research, "A dipstick useful for the diagnosis of parasitic diseases like malaria."
- 993/Del/94. Council of Scientific and Industrial Research, "A process for the preparation of sepharose column containing antibodies to plasmodial lactate dehydrogenase useful for purification of parasite lactate dehydrogenase."

## 04-08-94

- 994/Del/94. Council of Scientific and Industrial Research, "A process for the purification of plasmodial lactate dehydrogenase useful for diagnosis of malaria and screening of antimalarials."
- 995/Del/94. Council of Scientific and Industrial Research, "A process for the preparation of sulphurised karanja oil for use as an extreme pressure additive."
- 996/Del/94. Mannesmann Aktiengesellschaft, a German Company, "Device for sealing between two apparatus parts."
- 997/Del/94. Paul Wurth S.A., "Distributor Chute for Bulk material."
- 998/Del/94. Motorola, Inc., "Microelectronic device package containing a liquid and method."
- 999/Del/94. Ludwig Schwall, "Improvements in or relating to helical rotor pumps." (Convention date 5th August 1993)—Australia.
- 1000/Del/94. Eco-tec limited, "Process and apparatus for regeneration of volatile acids."

## 05-08-94

- 1001/Del/94. Uday Gupta, "A device for killing mosquitoes."
- 1002/Del/94. Uday Gupta, "A Snore Interruption device."
- 1003/Del/94. Uday Gupta, "A noise cancellation device."
- 1004/Del/94. Uday Gupta, "An Ashtray."

1005/Del/94. Uday Gupta, "An ionizer for removal of pollutants."

1006/Del/94. Motorola, Inc., "Acknowledge back paging system having the capability of matching variable length data messages to page addresses."

1007/Del/94. Shri Dutt Singh, "Process of producing neem based biopesticides containing azadirachtin along with other alkaloids."

1008/Del/94. Rohm and Haas Company, "Preparation of 1, 2-diacyl-2- (T-alkyl) hydrazines."

1009/Del/94. Bell Communications Research, Inc., "Polymeric electrolytic cell separator membrane and method of making same."

## 08-08-94

1010/Del/94. Chander Mohan Singal, "An electronic process and machine for purification of water."

1011/Del/94. The Whitaker Corporation, "Receptacle contact."

1012/Del/94. The Whitaker Corporation, "Apparatus for optically coupling an optical fiber to an electro-optic device."

1013/Del/94. Refranco Corp., "Reactor and method for the treatment of particulate matter by electrical discharge."

1014/Del/94. Dr. Ing. Yash Kumar Khanna and Prof. Dr. Horst Hardenberg, "A Bicycle having an auxiliary engine."

1015/Del/94. Tovarishchestvo S organichennoj otvetstvennostyu rossijsko-Kiprskoe sovmestnoe predpriyatie "Yuni superkom," Blended charge for steel production."

## 09-08-94

1016/Del/94. The Procter & Gamble Company, "Personal cleansing compositions."

1017/Del/94. The Whitaker Corporation, "Shielded connector with hermaphroditic shell." (Convention date October 14, 1993)—Great Britain.

1018/Del/94. Advanced Elastomer Systems, L.P., "Translucent Thermoplastic Elastomers."

1019/Del/94. Advanced Elastomer Systems, L.P., "Polyester-hydrogenated diene rubber compositions."

1020/Del/94. Motorola, Inc., "Method and apparatus for reducing memory requirements in a reduced line active addressing display system."

1021/Del/94. Joseph E. Kulhawik, and Thomas E. Lee, "Bicycle incorporating bifurcated frame."

## 10-08-94

1022/Del/94. The Procter & Gamble Company, "Dispensing device." (Convention date 10th August 1993 and 12th November 1993)—U.K.

1023/Del/94. Advanced Risc Machines Limited, "Data Bus." (Convention date 20th August 1993)—U.K.

1024/Del/94. Centre for Development of Telematics, "Fec encoder for correcting up to two errors and detecting three errors using modified rate 7/8 BCH (128, 112) coding scheme in a satellite communication system."

1025/Del/94. The Whitaker Corporation, "Low profile edge mount connector."

11-08-94

- 1026/Del/94. Balraj Banger, Harinder Pal Singh and Anil Banger, "A shock absorber bicycle for rear wheel."
- 1027/Del/94. Scientific Design Company, Inc., "Process for preparing silver catalyst."
- 1028/Del/94. Kenneth James Warburton, "Wiring distribution frame."
- 1029/Del/94. Plascon Technologies (Proprietary) Limited, "Composite Board."

12-08-94

- 1030/Del/94. Jayna Time Industries Limited, "Improvements in clock movements."
- 1031/Del/94. Phoenix Biomedical Corporation, "Double-valved variable pressure device for hydrocephaly."
- 1032/Del/94. The Procter & Gamble Company, "Detergent Compositions comprising percarbonate bleaching agents." (Convention date 17th August 1993)—U.K.
- 1033/Del/94. The Procter & Gamble Company, "Detergent compositions comprising percarbonate bleaching agents." (Convention date 17th August 1993)—U.K.
- 1034/Del/94. The Procter & Gamble Company, "Bleaching compounds comprising acyl valerolactam bleach activators."
- 1035/Del/94. The Procter & Gamble Company, "Absorbent article having composite elasticized member."
- 1036/Del/94. Procter & Gamble Company, "Non-Brittle laundry bars comprising coconut alkyl sulfate and polyethylene glycol."
- 1037/Del/94. Procter & Gamble Company, "Polyethylene Glycol as a laundry bar processing aid."
- 1038/Del/94. Procter & Gamble Company, "Hand wash laundry compositions."
- 1039/Del/94. The Procter & Gamble Company, "Process for making detergent compositions." (Convention date 18th August 1993)—U.K.
- 1040/Del/94. Exxon Research and Engineering Company, "Aromatics extraction from hydrocarbon oil using tetramethylene sulfoxide."
- 1041/Del/94. Tyler Pipe Industries, "Improved mechanical pipe joint."
- 1042/Del/94. Kabushiki Kaisha Ishikawa Seisakusho, Ltd., "Method and apparatus for evaluating the progress of osteoporosis by ultrasonic signals."

16-08-94

- 1043/Del/94. Admotion Corporation, U.S.A., "Advertising display method and apparatus."
- 1044/Del/94. Brijendra Narayan Pathak, New Delhi, "An air pollution control equipment."
- 1045/Del/94. Steel Authority of India Ltd., New Delhi, "An improved process for producing high-formable dual-phase 17 percent chromium containing (AISI-430) Ferritic stainless steel."

17-08-94

- 1046/Del/94. The Procter & Gamble & Company, "U.S.A., "Method and apparatus for attaching a web of material to the side edges of an absorbent article."
- 1047/Del/94. The Procter & Gamble Company, U.S.A., "Fabric-conditioning compositions."

1048/Del/94. Antonio Heredia Batista and Fermin Jaime Loureiro Benimeli, Barcelona, "Improved valve."

1049/Del/94. L'Air Liquide, Societe Anonyme Pour L'etude Et L'exploitation Des Procèdes Georges Claude, France, "Process and installation for the production of gaseous oxygen and/or gaseous nitrogen under pressure."

1050/Del/94. L'air Liquide, Societe Anonyme Pour L'etude et L'exploitation Des procedes Georges Claude, France, "Process and installation for the production of at least one gas under pressure from air."

1051/Del/94. The Goodyear Tire & Rubber Company, U.S.A., "Airspring piston and airspring assembly."

1052/Del/94. The Goodyear Tire & Rubber Company, U.S.A., "An improved radial ply tire."

1053/Del/94. Scientific Design Company, Inc., U.S.A., "Process for preparing silver catalyst."

18-08-94

1054/Del/94. Bharat Heavy Electricals Limited, New Delhi, "A twin layer moving bed granular filter."

1055/Del/94. Motorola, Inc., U.S.A., "Method and apparatus for supporting at least two communication services in a communication system."

1056/Del/94. Parkany GMK, Hungary, "Railway Barket car for transporting semitrailers."

19-08-94

1057/Del/94. The Chief Controller, Research & Development, Ministry of Defence, New Delhi, "A riot control vehicle."

1058/Del/94. The Chief Controller, Research & Development, Ministry of Defence, New Delhi, "A mobile kitchen lorry."

1059/Del/94. M. P. Gupta, New Delhi, "An uninterrupted power supply device."

1068/Del/94. Masayuki Iwahori, Japan, "Combustion apparatus."

1061/Del/94. The Gillette Company, U.S.A., "Shaving system."

22-08-94

1062/Del/94. The Procter & Gamble Company, U.S.A., "Granular detergent composition containing secondary (2, 3) alkyl sulfate surfactant and a bleach/bleach activator system."

1063/Del/94. The Procter & Gamble Company, U.S.A., "Disposable absorbent article having capacity to store low viscosity feal material."

1064/Del/94. Shell Internationale Research Maatschappij B.V., Netherlands, "Epoxidation catalyst and process."

23-08-94

1065/Del/94. Goldstar Co. Ltd., Korea, "Cooking time control device for microwave oven."

1066/Del/94. Tzvikla Y. Goldenberg, U.S.A., "Shoe with exchangeable heel."

1067/Del/94. Amano & Associates Incorporated, Japan, "Monitoring Cameral."

1068/Del/94. Motorola, Inc., U.S.A., "Communication system for communicating with a plurality of selective call receivers and method therefor."

1069/Del/94. Aluminum Company of America, U.S.A., "Method of forming a metal container body."

24-08-94

1070/Del/94. The Procter & Gamble Company, U.S.A., "Silicone thermoplastic elastomeric copolymers and hair and skin care compositions containing the same."

1071/Del/94. The Procter & Gamble Company, U.S.A., "Silicone grafted thermoplastic elastomeric copolymers and hair and skin care compositions containing the same."

1072/Del/94. The Procter & Gamble Company, U.S.A., "Topical personal care composition containing polysiloxanegrafted adhesive polymer and drying aid."

1073/Del/94. The Procter & Gamble Company, U.S.A., "Concentrated liquid or gel dishwashing detergent compositions containing calcium xylene sulfonate."

1074/Del/94. The Procter & Gamble Company, U.S.A., "Process for making high density detergent agglomerates using an anhydrous powder additive."

1075/Del/94. Colgate-Palmolive Company, U.S.A., "Composition."

1076/Del/94. The Silemon Company, U.S.A., "Patch Connector."

1077/Del/94. Synthes Ag Chur, Switzerland, "Medullary Drill Head."

25-08-94

1078/Del/94. Transaction Technology, Inc., U.S.A., "Home services delivery system with an intelligent terminal emulator."

26-08-94

1079/Del/94. Westinghouse Air Brake Company, U.S.A., "Slackless Drabar assembly using a ball and race assembly at each end of the drawbar."

1080/Del/94. Westinghouse air brake company, U.S.A., "A female connection member for a slackless drawbar assembly using a ball and race assembly."

1081/Del/94. Motorola, Inc., U.S.A., "Porous organic electrode for an electrical energy storage device."

1082/Del/94. Imperial Chemical Industries Plc., U.K., "production of difluoromethane." (Convention date 3rd September 1993)—U.K.

1083/Del/94. Motorola, Inc., U.S.A., "Method and apparatus for trunked telephone access to a cable network."

30-08-94

1084/Del/94. Helene Curtis, Inc., U.S.A., "Sampoo-conditioner composition."

1085/Del/94. The Procter & Gamble Company, U.S.A., "Granular detergent with N-alkoxy or N-aryloxy polyhydroxy fatty acid amide surfactant."

1086/Del/94. The Procter & Gamble Company, U.S.A., "Liquid detergents with N-alkoxy or N-aryloxy polyhydroxy fatty acid amide surfactants."

1087/Del/94. The Procter & Gamble Company, U.S.A., "High sudsing detergent with N-alkoxy polyhydroxy fatty acid amide and secondary carboxylate surfactants."

1088/Del/94. The Procter & Gamble Company, U.S.A., "Bar Composition with N-alkoxy or N-aryloxy polyhydroxy fatty acid amide surfactant."

1089/Del/94. The Procter & Gamble Company, U.S.A., "Detergent compositions with mixture of N-alkoxy or N-aryloxy polyhydroxy fatty acid amide plus alkoxylated carboxylate surfactant."

1090/Del/94. The Procter & Gamble Company, U.S.A., "Detergent particles with anionic surfactants and N-alkoxy or N-aryloxy polyhydroxy fatty acid amides."

1091/Del/94. The Procter & Gamble Company, U.S.A., "Solidified detergent additive with N-alkoxy polyhydroxy fatty acid amide and alkoxylated surfactant."

1092/Del/94. Pradeep Chawla, New Delhi, "Improved Stethoscope."

1093/Del/94. Motorola, Inc., U.S.A., "Contact array."

1094/Del/94. Mintek, South Africa, "The production of Ferronickel from nickel containing laterite."

1095/Del/94. Milliken Research Corporation, U.S.A., "Improved film cartridge."

1096/Del/94. Advanced Risc Machines Limited, England, "Execution of data processing instructions." (Convention date 23rd September, 1993)—U.K.

1097/Del/94. Platinum Plus, Inc., U.S.A., "The reduction of nitrogen oxides emissions from diesel engines."

31-08-94

1098/Del/94. Dr. Hari Shanker Asopa, Agra and Dr. Mukul Garg, Agra. "Asopa Mesh Skin graft expander."

1099/Del/94. Morzan Construction Company, U.S.A., "Rolling mill material handling system."

1100/Del/94. Portals Limited, U.K., "Improvement in security features for paper." (Convention date 30th September 1993)—U.K.

1101/Del/94. Portals Limited, U.K., and the Governor and company of the bank of England U.K. "Improvement in security features for paper." (Convention date 27th September 1993)—U.K.

1102/Del/94. The Torrington Company Limited, England, "Improvements in or relating to vehicle steering columns." (Convention date 20th September 1993)—U.K.

1103/Del/94. Dainhon Jochugiku Co. Ltd., Japan, "Fuming, hot-vaporizing insecticide for killing flies, and method for killing flies with the same."

1104/Del/94. Riviana Foods, and Satake Corporation Inc., Japan, "Apparatus and method for food products."

1105/Del/94. H.C. Starck GMBH & Co. KG., Germany, "Pastes for the coating of substrates, methods for manufacturing them and their use."

1106/Del/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Power supply unit for electric motor vehicle."

01-09-94

1107/Del/94. Kohe I Minato, Japan, "Magnetic Rotating Apparatus."

1108/Del/94. Director Forest Research Institute, Dhara Dun, "A Process for the preparation of a Cassia Tora Gum."

1109/Del/94. Director Forest Research Institute, Dehra Dun, "An Adhesive."

1110/Del/94. Showa Denko K. K., Japan, "Chromium—Based Fluorination Catalyst. Process for producing the Catalyst, and Fluorination Process using the Catalyst."

1111/Del/94. The Whitaker Corporation, U.S.A., "Electric Terminal with Compliant Pln Section."

02-09-94

1112/Del/94. The Procter & Gamble Company, U.S.A. "Process for preparing detergent compositions." (Convention date 7th September, 1993)—U.K.

1113/Del/94. B. C. Sekhar SDN BHD, Malaysia, "Improvements in and relating to the recycling of natural and synthetic rubber."

1114/Del/94. IVO Wegrosteck, Austria, "Water Treatment Agent and Method of its use."

1115/Del/94. J. C. Ludowici & Son Ltd., Australia, "Pressure Indicating Tyre Inflator Valve." (Convention date 8th October, 1993)—Australia.

05-09-94

1116/Del/94. L'Air Liquide, Societe Anonyme Pour L'etude ET L'Exploitation Des Procèdes Georges Claude, France, "Process and Assembly for the compression of a Gas."

1117/Del/94. James Michael O'Dwyer, Australia, "A Barrel Assembly."

1118/Del/94. L'Air Liquide, Societe Anonyme Pour L'etude ET L'Exploitation Des Procèdes Georges Claude, France, "Reservoir for the storage of gas under high pressure, installation for the storage and supply of gas under high pressure."

1119/Del/94. Mul-T-Lock Ltd., Israel, "Security System."

1120/Del/94. De La Rue Giori S. A., Switzerland, "Printing unit for a Web-Feb Printing Machine."

1121/Del/94. De La Rue Giori S.A., Switzerland, "Process and apparatus for processing sheets of notes to form bundles of notes."

06-09-94

1122/Del/94. Rajiv Chopra, Punjab, "Petrol Saver for use in Vehicles."

1123/Del/94. The Jay Engineering Works Ltd., New Delhi, "An Electrical Ceiling Fan."

1124/Del/94. The Director, Central Pulp & Paper Research Institute, Saharanpur, "A Process to Produce Fuel Briquettes."

1125/Del/94. Sujoy Kumar Guha, IIT, New Delhi, "A Contraceptive for use by a male."

1126/Del/94. Ericsson GE Mobile Communications Inc., U.S.A., "Radio Receiver."

07-09-94

1127/Del/94. Solvay, Belgium, "Novel Proteins/Polypeptides and cotransfection Plasmids and live Recombinant Carriers Therefor."

1128/Del/94. The Siemon Company, U.S.A., "Snap on cover for Telecommunications Connector Block."

1129/Del/94. Amylin Pharmaceuticals, INC., U.S.A., "Methods for Treating Gastrointestinal Motility."

1130/Del/94. Debiotech, Switzerland, "Syringe Device for Mixing Two Compounds."

08-09-94

1131/Del/94. CMHT Technology (Australia) Pvt. Ltd., Australia, "Improvements relating to reclaiming rubber from vehicle Tyres." (Con. 9th Sep. 93) U.K.

1132/Del/94. Biopak Technology, Ltd., U.S.A., Degradable Polydioxanone-Based Materials."

1133/Del/94. Coal Industry (Patents), "Improvements in or Relating to Respiratory Protective Equipment." (Convention date 8th September, 1993)—U.K.

09-09-94

1134/Del/94. Procter & Gamble Company, U.S.A., "Soil Release Polymer in Detergent Compositions Containing Dye Transfer Inhibiting Agents to Improve Cleaning Performance."

1135/Del/94. Procter & Gamble Company, U.S.A., "Light Duty Liquidesset Dishwashing Detergent Compositions Containing Protease."

1136/Del/94. Procter & Gamble Company, U.S.A., "Flexible and Substantially Rectangular Package for Containing Multiple Irregular Shaped Object such as Soap Bars."

1137/Del/94. The Procter & Gamble Company, U.S.A., "Granular Detergent Compositions Comprising Nonionic Surfactant and Process for making such Compositions." (Convention date 13th September, 1993 and 21 April, 1994)—U.K.

12-09-94

1138/Del/94. Chicago Pneumatic Tool Company, U.S.A., Pulse Tool."

1139/Del/94. Praxair Technology Owens-Brockway Glass Container Inc., U.S.A. Flue system Combustion."

1140/Del/94. Sony Corporation, Japan, "Signal Encoding or Decoding apparatus and Recording medium."

1141/Del/94. Giorgio Nannini S. r. l. Italy "Collapsible Spectacles."

14-09-94

1142/Del/94. General Electric Company, U.S.A., system and Method for Detecting and Interrupting an out-of-balance condition in a washing machine."

1143/Del/94. The Torrington Company Limited, England, "Shaft Coupling." (Convention date 4th October, 1993) - U. K.

1144/Del/94. The Procter & Gamble Company, U.S.A., Synthesis of Sarcosinate Surfactants."

1145/Del/94. The Procter & Gamble Company, U.S.A., Synthesis of AMIDO Acid from Carboxylic Acids and Lactams."

1146/Del/94. The Procter & Gamble Company, U.S.A., Serine Protease with Decreased Adsorption and increased Hydrolysis."

15-09-94

1147/Del/94. John Augustus Dalton Mentell Thomas Ian Peter Dummett England, "Safety Springs."

1148/Del/94. Biopak Technology, Ltd., U.S.A., Method to Produce Cyclic Esters."

16-09-94

1149/Del/94. Strix Limited, U.K., Isle of Man IMI 2RG, Cordless Electrical Appliances and Connectors therefor." (Convention date 16th September, 1993) - U. K.

1150/Del/94. Motorola, Inc., U. S. A., Method and Apparatus for controlling a Peak Envelope Power of a power amplifier."

1151/Del/94. Rohm and Haas Company, U. S. A., process for preparing Amino Acid Polymers."

19-09-94.

1152/Del/94. UOP, U. S. A., "Enhanced capacity multiple-downcomer fractionation tray."

1153/Del/94. Honda Giken Kogyo Kabushiki Kaisha, "Japan," Ignition control device."

1154/Del/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Cover structure and battery storing case structure for electric vehicle."



- 1155/Del/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Cooling system included in a battery charger for an electric vehicle."
- 1156/Del/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Charging cord storing structure for electric vehicle."
- 1157/Del/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Battery unit cooling system for an electric vehicle."
- 1158/Del/94. Anthony Wilfred Kibble, England, "Bolt housing, Assembly and fitted panel." (Convention date 6th May, 1994) - U. K.
- 1159/Del/94. Indian Council of Medical Research, New Delhi, "A process for the preparation of cyclosporin A."
- 1160/Del/94. Indian Council of Medical Research, New Delhi, "A process for the preparation of cyclosporin from soil source of the species."
- 1161/Del/94. Aquarian Overseas, Proprietor Mrs. Shobha Mathur, "Delhi-UP border," "An electrical water Geyser,"
- 20-09-94
- 1162/Del/94. The Gillette Company, U. S. A., "Safety razors." (Convention date 29th September, 1993) - U. K.
- 1163/Del/94. Tomco Equipment Company, U. S. A., Sublimable particle blast cleaning apparatus."
- 21-09-94
- 1164/Del/94. Procter & Gamble Company, U. S. A., Sanitary napkin having core predisposed to a convex upward configuration."
- 1165/Del/94. Procter & Gamble Company, U. S. A., Disposable absorbent articles having a paper reinforced tape landing zone."
- 1166/Del/94. Procter & Gamble Company, U. S. A., Absorbent articles having multiple topsheets."
- 1167/Del/94. Procter & Gamble Company, U. S. A., Absorbent article having panty covering components comprising extensible web materials which exhibit elasticlike behavior."
- 1168/Del/94. Procter & Gamble Company, U. S. A., Compositions comprising phosphate derivatives."
- 1169/Del/94. Procter & Gamble Company, U. S. A., Oral compositions comprising pyrophosphate diesters."
- 1170/Del/94. The Whitaker Corporation, U. S. A., Cable management system with line testing utilizing remote active termination device."
- 1171/Del/94. The Gillette Company, U. S. A., Shaving system. (Convention date 1st October, 1993) - U. K.
- 1172/Del/94. Z B New Products Limited, England, "Improvements relating to wire stripping tools." (Convention date 24th September, 1993) - U. K.
- 1173/Del/94. Pfizer Inc., U. S. A. Process and antiparasitic intermediates for dorameclin."
- 1174/Del/94. The Gillette Company, U. S. A. Correction and marking materials." (Convention date 30th September, 1993) - U.K.
- 22-09-94
- 1175/Del/94. Procter & Gamble Company, U. S. A., Synthesis of amino acids from carboxylic acid esters and amino acid salts."
- 1176/Del/94. Thomas C. Edwards, U. S. A., Rotary univane gas compressor."
- 1177/Del/94. Goldstar Co. Ltd., Korea, "A method and device for preventing overheating of inverter cooker."
- 1178/Del/94. Goldstar Co. Ltd., Korea "Apparatus and method for measuring electric power consumed in inverter cooker."
- 1179/Del/94. Mitsuhiro Aida, Japan, "Text input method."
- 1180/Del/94. The Chief Controller Research & Development Ministry of Defence, Sena Bhawan, DHQ, "Process for the preparation of silicide based composites from elemental powders."
- 1181/Del/94. The Chief Controller Research & Development, Ministry of Defence, New Delhi, "Process for producing particulate-reinforced titanium matrix composites."
- 1182/Del/94. Indian Council of Medical Research, New Delhi, "A process for the preparation of basillus thuringiensis var israelensis."
- 1183/Del/94. Chief Controller, R&DE, Defence R&D Organisation, M/o - Defence New Delhi, "A process for the preparation of multidirectionally reinforced carbon fibre preform (MRCP) process technology."
- 1184/Del/94. Indian Council of Medical Research, New Delhi, "A process for the preparation and formulation of a Mosquito larvicide."
- 1185/Del/94. Gould Electronics Inc., U. S. A., Electrodeposited copper foil and process for making same."
- 1186/Del/94. Astra Aktiebolag, Sweden, "New Emulsion formulation."
- 23-09-94
- 1187/Del/94. Council of Scientific and Industrial Research, New Delhi, A process for the preparation of a biosurfactant useful as microbial emulsifier for the recovery of oil."
- 1187/Del/94. Council of Scientific and Industrial Research, New Delhi, an improved process for the purification of wastewater containing pollutants especially cyanide."
- 1189/Del/94. Council of scientific and Industrial Research, New Delhi, process for the preparation of a novel tin-containing crystalline molecular sieve."
- 1190/Del/94. Council of Scientific and Industrial Research, New Delhi, an improved process for the recovery of elementary sulphur from gases containing hydrogen sulphide."
- 1191/Del/94. Council of Scientific and Industrial Research, New Delhi, A process for the preparation of Tin-containing crystalline molecular sieve of mel type."
- 1192/Del/94. Council of Scientific and Industrial Research, New Delhi, an improved vertical shaft kiln useful for manufacturing cement and other allied products."
- 1193/Del/94. Council of Scientific and Industrial Research, New Delhi, A process for the preparation of thermostable  $\alpha$ -galactosidase from thermophilic fungus humicola sp neim 1252."
- 1194/Del/94. Council of Scientific and Industrial Research, New Delhi, A device useful for providing air seal self controlled discharge of product from a process equipment and a process equipment incorporating the said device."
- 1195/Del/94. Council of Scientific and Industrial Research, New Delhi, A process for the isolation of a bioactive peptide fraction from the plant withania somnifera."

- 1196/Del 94. Council of Scientific and Industrial Research, New Delhi, A process for the production of oxalic acid by oxidation of mohua flowers or concentrate extract of Mohua flowers."
- 1197/Del 94. Council of Scientific and Industrial Research, New Delhi, An improved process for beneficiation of high ash low rank sub-bituminous Indian thermal coal to obtain low ash coal."
- 1198/Del 94. Council of Scientific and Industrial Research, New Delhi, A process for the preparation of a Novel catalyst useful for the preparation of LPG and high octane aromatics."
- 1199/Del 94. Council of Scientific and Industrial Research, New Delhi, A process for the production of LPG and high octane aromatic hydrocarbons from natural gas condensate using a novel zinc-alumino-silicate molecular sieve catalyst."
- 1200/Del/94. Sursita Computer Systems, New Delhi, "Locking device for a floppy drive in computers."
- 1201/Del/94. British Technology Group Limited, England, "A communication system." (Convention date 12th April, 1989) - U. K.

## ALTERATION OF DATE UNDER SECTION-16

831/Cal/1993 174450 antedated to 17th May, 1990.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months give notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

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## स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रण,

एकत्र को उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित दस्तावेज, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।"

स्वीकृत (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपर्युक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सन्निविष्ट करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कार्यों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. 34 A, C, D.

17441.

Int. Cl.: D 01 F 6/86, 6/00, 6/94.

"SPANDEX FIBER WITH COPOLYMER SOFT SEGMENT".

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY, of Wilmington, Delaware, United States of America.

Inventors : (1) RICHARD LEWIS DREILBELBIS (2) NATHAN ELI HOUSER.

Application No. 389/Cal/1989; filed on 22nd May, 1989.

Appropriate office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

3 claims.

A process for preparing elastic filaments made of a polyurethane-urea spandex polymer comprising the steps of forming a solution of spandex polymer in an organic solvent, the polymer having been made from a hydroxyl-terminated copolymer of tetrahydrofuran and 3-methyltetrahydrofuran containing 4 to 20 mole percent of 3-methyltetrahydrofuran that was being capped with organic diisocyanate, the molar ratio of diisocyanate to glycol being in the range of 1.6 to 2.3, and then chain-extended with mixture of two diamines, the first diamine having been selected from one of ethylene diamine, 1, 3-propylene diamine, 4-cyclohexylene diamine, and the second diamine being a coextender having been selected from one of 2-methylpentamethylene diamine, hydrogenated m-phenylene diamine and 1, 2-propylene diamine, the coextender having amounted to 20 to 50 mole percent of the diamine mixture to provide the spandex polymer with hard segments amounting to 5, 5 to 9 mole percent of the polymer.

dry spinning the solution through orifices to form elastic filaments,

pulling the dry-spun filaments at a speed of at least 400m/min, and

winding up the filaments at a speed of at least 500 m/min.

Compl. specn. 16 pages.

Drngs. Nil.

Cl. 34 A, C. D.

17442.

Int. Cl.<sup>4</sup> : D 01 F 6/32, 6/44, 6/46

"IMPROVED PROCESS FOR FLASH SPINNING FLEXIFILAMENTARY FILM-FIBREL STRANDS".

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventor : HYUNKOOK SHIN.

Application No. 714/Cal/89; filed on 31st August, 1989.

Appropriate office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

5 claims.

An improved process for flash-spinning plexifilamentary film-fibril strands wherein a fibre forming polyolefin selected from polyethylene and polypropylene is dissolved in a halocarbon spin liquid to form a spin solution containing 10 to 20 per cent of polyolefin by weight of the solution at a temperature in the range of 130 to 210°C and a pressure that is greater than 1,500 psi which solution is flash-spun into a region of substantially lower temperature and pressure, the improvement comprising the halocarbon being selected from the group consisting of

- 1, 1-dichloro-2, 2, 2-trifluoroethane,
- 1, 2-dichloro-1, 2, 2-trifluoroethane,
- 1, -dichloro-2, 2-difluoroethane,
- 1, 2-dichloro-1, 1-difluoroethane and
- 1, 1-dichloro-1-fluoroethane.

Compl. specn 29 pages.

Drgs. Nil.

Cl. 144 E6

174443.

Int. Cl.<sup>4</sup> C 09 C 1/04, 3/00.

"PROCESS FOR PRODUCING ULTRAVIOLET LIGHT ABSORBING CHEMICALLY INERT PIGMENTARY COMPOSITIONS OF MATTER".

Applicant: KERR-MCGEE CHEMICAL CORPORATION OF KERR-MCGEE CENTER OKLAHOMA CITY, OKLAHOMA 73125, UNITED STATES OF AMERICA.

Inventors (1) JOHN ROBERT BRAND, (2) THOMAS JIAN BROWNBIDGE, (3) JAMES WILLIAM KAUFFMAN.

Application No. 868/Cal/1989 filed on 19th October, 1989.

Appropriate office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

15 claims.

A process for producing ultraviolet light absorbing chemically inert pigmentary compositions of matter comprised of particles having cores of pigmentary zinc oxide said cores having deposited thereon separate and distinct coating of two different hydrous metal oxides said process comprising :

forming an aqueous slurry of chemically reactive pigmentary zinc oxide core particles;

heating said slurry to an elevated temperature;

adding to said heated slurry a first hydrous metal oxide precursor compound such as herein described while maintaining the pH of said heated slurry at a value of at least 9.0. to effect a deposition of a first coating of said first hydrous amorphous metal oxide, such as herein described, upon said pigmentary zinc oxide core particles;

adjusting the pH of said heated slurry of said first hydrous metal oxide coated pigmentary zinc oxide core particles to a value of 6.5 or lower;

adding to said heated slurry of said first hydrous metal oxide coated pigmentary zinc oxide particles, while maintaining the pH of said heated slurry at 6.5 or lower, a second hydrous metal oxide precursor compound, such as herein described, to effect a deposition upon said first hydrous metal oxide coated pigmentary zinc oxide core particles of

said second coating of the second hydrous metal oxide and thereby produce a slurry containing a chemically inert pigmentary zinc oxide composition;

curing said chemically inert pigmentary zinc oxide composition; and

recovering said cured, chemically inert pigmentary zinc oxide composition from said slurry substantially as produced.

Compl. specn. 27 pages

Drgs. Nil.

Cl. : 32 F<sub>1</sub>

174444

Int. Cl.<sup>4</sup> : C 07 C 63/30.

"PROCESS FOR THE PREPARATION OF 2-CHLOROTEREPHTHALOYL CHLORIDE".

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY, OF LOCATED AT WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventors : ROBERT LEE SEAGRAVES.

Application No. 25 Cal/90 filed on 8th January, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

6 Claims

A process for the preparation of 2-chloroterephthaloyl chloride which comprises placing molten terephthaloyl chloride in reactige contact with chlorine in the presence of an anhydrous ring chlorination catalyst such as herein described for a time and temperature sufficient to produce a reaction mixture of 30 to 41% by weight 2-chloroterephthaloyl chloride, recovering 2-chloroterephthaloyl chloride from the reaction mixture in a known manner.

Compl. specn. 12 pages

Drg. 1 sheet.

Cl. : 157 A1 &amp; A4

174445

Int. Cl.<sup>4</sup> : E 01 B, 25<sup>15</sup>.

"RAILWAY SWITCHES OR RAILWAY CROSSINGS HAVING SLIDING CHAIR, SLIDING PLATE AND RIBBED PLATE".

Applicant : VOEST-ALPINE EISENBAHN SYSTEM GESELLSCHAFT M.B.H. OF A-1040 VIENNA, FLORAGASSE 7, AUSTRIA.

Inventors : (1) HERMANN ORASCHE, (2) JOHANN RIEGER, (3) HEINZ STEIGER.

Application No. 401/Cal/90; filed on 17th May, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

9 Claims

Railway switches or railway crossings having sliding chair (2) sliding plate (18) and ribbed plate (1) provided with friction-reducing sliding members (4, 5) of synthetic plastic material being releasably mounted within recesses (3) of the sliding chair and the plates, respectively, characterized in that at least two sliding members (4, 5) are accommodated in each recess (3) the side surfaces of the sliding members (4, 5) being—for the major part of the circumference of the sliding members—engaged over or, respectively, engaged behind by inwardly protruding walls or, respectively, profiles (7) of the edge of the recess (3).

Compl. specn. 9 pages.

Drgs. 4 sheets.

Cl. 193 &amp; 35 E.

174446

Int. Cl.<sup>4</sup> : C 04 B 33/07, 41/63, 41/69.

B 28 B 1/10, 5/00,

B 32 B 18/00.

**'A METHOD OF FORMING MACROCOMPOSITE BODIES BY SELF-GENERATED VACUUM TECHNIQUES'.**

Applicant : LANXIDE TECHNOLOGY COMPANY, L.P. OF TRALEE INDUSTRIAL PARK, NEWARK, DELAWARE 19714-6077, UNITED STATES OF AMERICA.

Inventors : (1) ROBERT CAMPBELL KANTNER, (2) RATNESH KUMAR DWIVEDI.

Application No. 595/Cal/1990; filed on 16th July, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

**31 Claims**

A method of making a macrocomposite body comprising the steps of :

forming a reaction system comprising a matrix metal, a reactive atmosphere, an impermeable container, a permeable mass comprising at least one material selected from the group consisting of a loose mass of filler and a preform of filler, and at least one second or additional body as herein described adjacent to said permeable mass;

at least partially sealing the reaction system from an ambient atmosphere which is external to said reaction system so as to achieve a net pressure differential between said reactive atmosphere and said ambient atmosphere, the sealing being provided by at least one of an extrinsic seal, an intrinsic physical seal as herein described and an intrinsic chemical seal; as herein described and

heating the sealed reaction system to render the matrix metal molten and at least partially infiltrating said at least one body with said molten matrix metal to form a metal matrix composite which is integrally attached or bonded to said at least one second of additional body, thereby forming a macrocomposite body.

Compl. specn. 66 pages.

Drgs. 12 sheets.

Cl. : 70 B.

174447

Int. Cl.<sup>4</sup> : B 03 C 3/80.**"A PROCESS OF CLEANING THE COLLECTING SURFACES OF DEDUSTING ELECTROSTATIC PRECIPITATORS".**

Applicant : METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF REUTERWEG 14, D-6000, FRANKFURT AM MAIN, WEST GERMANY.

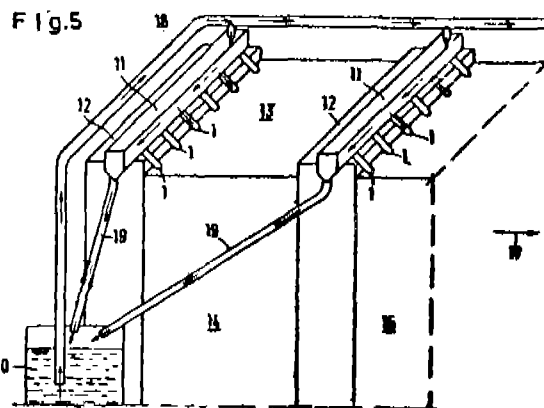
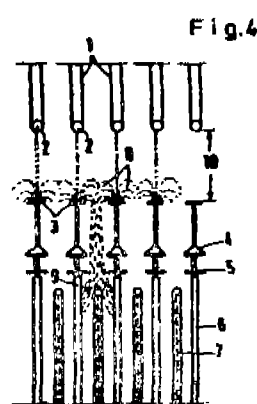
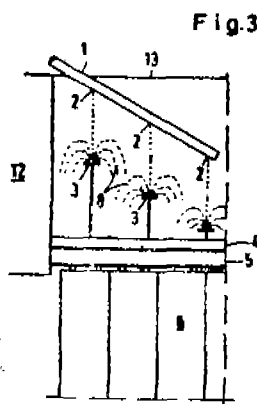
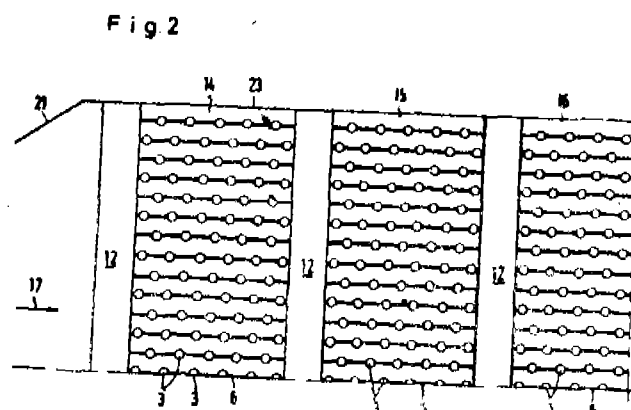
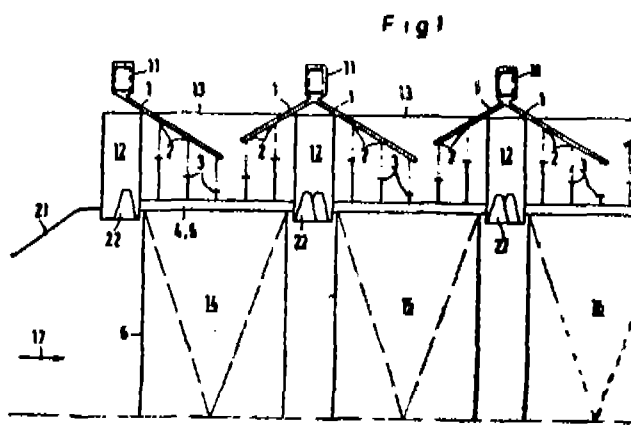
Inventors : (1) HERMANN SCHMIDT, (2) WILHELM LEUSSLER.

Application No. 638/Cal/1990; filed on 30th July, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

**9 Claims**

A process of cleaning the collecting surfaces of dedusting electrostatic precipitators, wherein coarsegrained cleaning dust is introduced into the deduster and said cleaning dust alone or together with the raw gas is electrostatically collected in the deduster, wherein the collected dust is periodically removed from the collecting surfaces and carried away from the precipitator, characterized in that the cleaning dust in particle sizes having a median value of, for example 80 to 300  $\mu\text{m}$  is fed at a rate of 0.1  $\text{dm}^3$  to 10  $\text{dm}^3$  per hour per linear meter of the length of the collecting electrodes in the directions of flow of the gas into the flowless space above the fields of the dedusting electrostatic precipitator and is distributed in said flowless space in dependance on the requirements for cleaning.



Compl. specn. 14 pages

Drgs. 4 sheets

Cl. : 32 Fl. 55 D2, 55-3, 55-E.

174448

Int. Cl. : C 07 C, 47/54, 47/55;

A 01 N 29/00, 29/08, 35/00, 35/04;

A 61 K 31/03, 31/11.

**"PROCESS FOR THE PREPARATION OF DIFLUOROBENZALDEHYDES".**

Applicant : HOECHST AKTIENGESellschaft. OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) THEODOR PAPENFUHS, (2) ANDREAS KANSCHIK-CONRADSEN.

Application No. 405/Cal/1992; filed on 05th June, 1992.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 8 Claims

A process for the preparation, in high yields, of a difluorobenzaldehyde of the formula (1) of the accompanying drawings in which the second fluorine atom is, in the 4 or 6 position, which comprises reacting a dichlorobenzaldehyde of the formula (2) in which the second chlorine atom is in the 4 or 6 position with an alkali metal fluoride in a dipolar aprotic solvent such as herein described in the presence of an ethylene glycol dialkyl ether as catalyst of the formula (3) in which R is a methyl, ethyl or propyl or isopropyl group and n is a number from 1 to 50, at temperatures of 160°C to 250°C, wherein the amount of alkali metal fluoride is between 0.8—1.6 mol per mole of dichlorobenzaldehyde used and the catalyst is used in amount of between 10—50 gram, relative to 1 mol of dichlorobenzaldehyde.

(Compl. Specn. 8 pages;

Drg. 1 sheet)

Cl. : 55 H4.

174449

Int. Cl. : A 61 K 45/00.

**"A PROCESS OF PREPARING A HOMOEOPATHIC MEDICINAL COMPOSITION".**

Applicant & Inventor : NANIGOPAL JANA, M/S. JAGA HOMEO PHARMACY & LABORATORY, BHATINDA, RAJARHAT, NORTH 24 PARGANAS, PIN : 743 510, INDIA.

Application No. 501/Cal/1992; filed on 14th July, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

## 2 Claims

A process of preparing a Homoeopathic medicinal composition comprising by mixing mother extracts of China (1 part by volume), Cynodon dactylon (1 part by volume), Ficus Indica (1 part by volume), Holarrhena antidysenterica (1 part by volume), Mercurius corrosivas (1-4 parts by volume), Nux Vomica (1 part by volume), Sulphur (1 part by volume) and 25% cuprum Sulphuricum aqueous solution (1 part by volume) together at room temperature, vigorously stirring for at least 10 minutes, allowing the said mixture for settling at least for 15 minutes and filtering the said mixture to have the final composition.

(Compl. Specn. 6 pages;

Drgns. Nil)

Cl. : 176 F.

174450

Int. Cl. : 4 F 22 B 37/64.

**"FLUID FLOW CIRCUIT FOR BOILER".**

Applicant : THE BABCOCK & WILCOX COMPANY OF 1010 COMMON STREET, P.O. BOX 60035, NEW ORLEANS, LOUISIANA 70160, UNITED STATES OF AMERICA.

Inventor : MELVIN JOHN ALBRECHST.

Application No. 831/Cal/1993; filed on 31st December, 1993.

(Divided out of No. 402/Cal/90; antedated to 17-05-1990).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

## 5 Claims

A fluid flow circuit for a boiler having a combustion chamber and an exhaust passage, comprising :

a steam drum for separating steam from water;

upper downcomers connected to said steam drum for receiving water therefrom;

at least one downflow evaporative generating bank module having an upper header and a lower header, and positioned in the exhaust passage for absorbing heat, at least one of said upper downcomers being connected to said downflow module upper header to receive a first portion of said water;

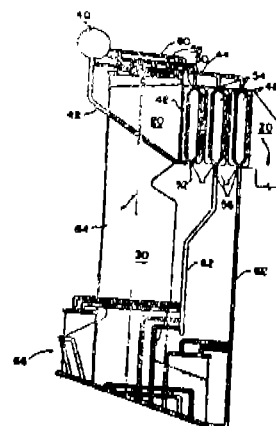
at least one downflow convection pass wall enclosure circuit having an upper header and a lower header, positioned and partially defining said exhaust passage to absorb heat, at least one of said upper downcomers being connected to said convection pass wall enclosure circuit to receive a second portion of said water;

riser means connected to said steam drum for returning a mixture of saturated steam and water to said steam drum;

lower downcomers connected to said downflow module lower header and to said convection pass wall enclosure circuit lower header; and

at least one furnace circuit extending along the combustion chamber for receiving heat therefrom, and having a lower end connected to said lower downcomers and an upper end connected to said riser means.

FIG 2



(Compl. Specn. 13 pages;

Drgns. 4 sheets)

## PATENT SEALED ON

11-11-94

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Cal-25, Del-Nü, Mas-12, Bom-4.

\*Patent shall be deemed to be endorsed with the words  
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1970 from the date of expiration of three years from the  
date of sealing.

D—Drug Patent.

F—Food Patent.

## RENEWAL FEES PAID

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160468 160507 160513 160538 160541 160564 160571 160574  
160576 160577 160591.

## OPPOSITION PROCEEDING

An Opposition has been entered by M/s. Bajaj Auto  
Limited to the grant of a Patent on Application No. 173479  
made by Mitsuba Electric Manufacturing Company Limited.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are  
not open to inspection for a period of two years from the  
date of registration except as provided for in Section 50 of  
the Designs Act, 1911.

The date shown in the each entries is the date of the  
registration included in the entries.

Class 1. No. 166760. Sudha Enterprises, 255, Kansai Sec-  
tion, Ambornath 421501, Dist. Thane, Maha-  
rashtra, India. Proprietary Firm. "Lamp shade"  
January 28, 1994.

Class 3. No. 166791. Ajanta Transistor Clock Mfg. Co.,  
Orpat Industrial Estate, Rajkot Highway, Post  
Box No. 115, Morbi 363641, Maharashtra, India,  
Indian Partnership Firm. "Wall Clock". Febru-  
ary 7, 1994.

Class 3. No. 166904. Hasbro International Inc. of 1027,  
Newport Avenue, Pawtucket, Rhode Island  
02862, U.S.A. "Game apparatus". Priority date  
September 10, 1993 (U.K.).

Class 4. No. 168001. Tiger Balm & Company and also  
Kenwong & Company, Indian Companies of No.  
12, Temple Avenue, Srinagar Colony, Madras-  
600015, T.N. India. "Bottle". August 25,  
1994.

R. A. ACHARYA

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